AXMINSTER Trade SERIES

Code **505091**

BDS-612

Belt & Disc Sander

Linisher angled at 90˚ (degrees)

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Declaration of Conformity

Copied from CE Certificate

The undersigned, George N. Sifonios authorised by

META INTERNATIONAL CO., LTD. NO. 38-46, YA TAN Rd., TA YA HSIANG. TAICHUNG HSIEN, TAIWAN, R.O.C.

Model Number BDS-612 (Sander)

Manufactured by META INTERNATIONAL CO., LTD. is in compliance with the standards determined in the following Council Directive.

Applicable Directive:

2006/42/EC (amending 98/37/EC)

Applicable Standards:

EN ISO 12100-1:2003, EN ISO 12100-2:2003, EN 60204-1:2006

Warning

The symbols below advise that you follow the correct safety procedures when using this machine.

Fully read manual and safety instructions before use

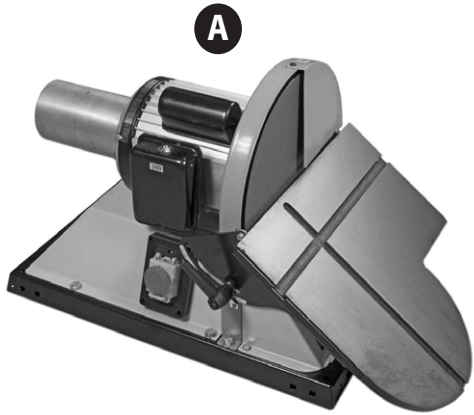
Ear protection should be worn

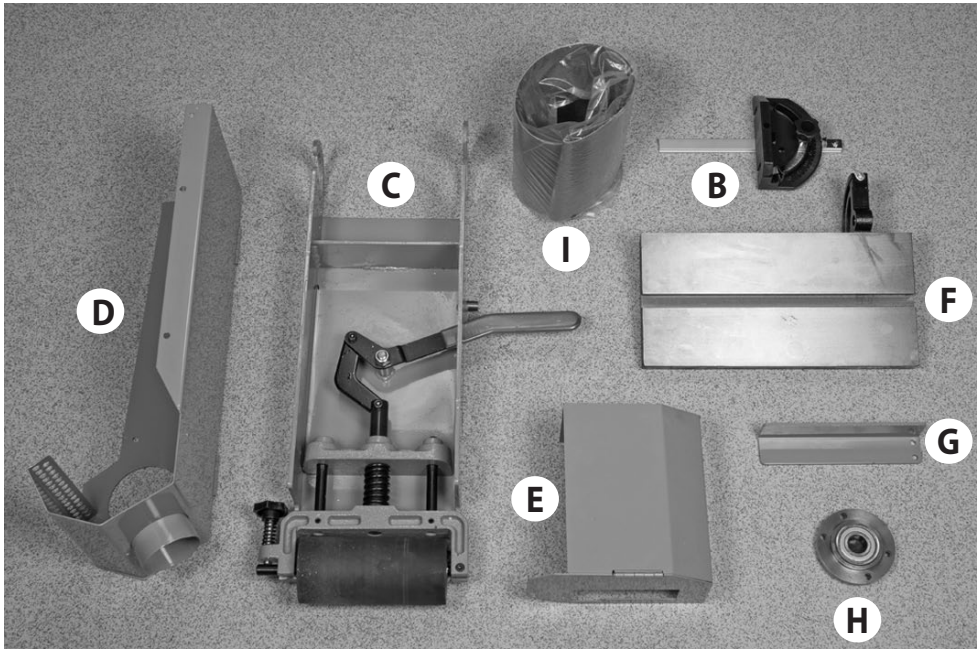
Eye protection should be worn

Dust mask should be worn

HAZARD Motor gets hot

Qty	Item	Part
1 No	BDS-612 Belt & Disc Sander	
	(with motor aluminium table & base)	**A**
1 No	Mitre Fence	**B**
1 No	Linisher Assembly	**C**
1 No	Linisher Guard Cover	**D**
1 No	Idler Roller Guard Cover	**E**
1 No	Linisher Cust Iron Table	**F**
1 No	Linisher Small Table	**G**
1 No	Ball Bearing Assembly	**H**
1 No	Linisher Sanding Belt	**I**
Bag Containing:		
1 No	M8x30mm Bolt & Washer	**J**
4 No	M8x20mm Hex Bolts	**K**
6 No	M6x10mm Hex Screws	**L**
4 No	M6x10mm Socket Button Head Screws	**M**
1 No	M6 Small Star Knob	**N**
2 No	M6 Large Star Knobs	**O**
1 No	6,5,4mm Hex Keys	**P**
1 No	22mm and 10-13mm Spanner	**Q**
1 No	Instruction Manual	





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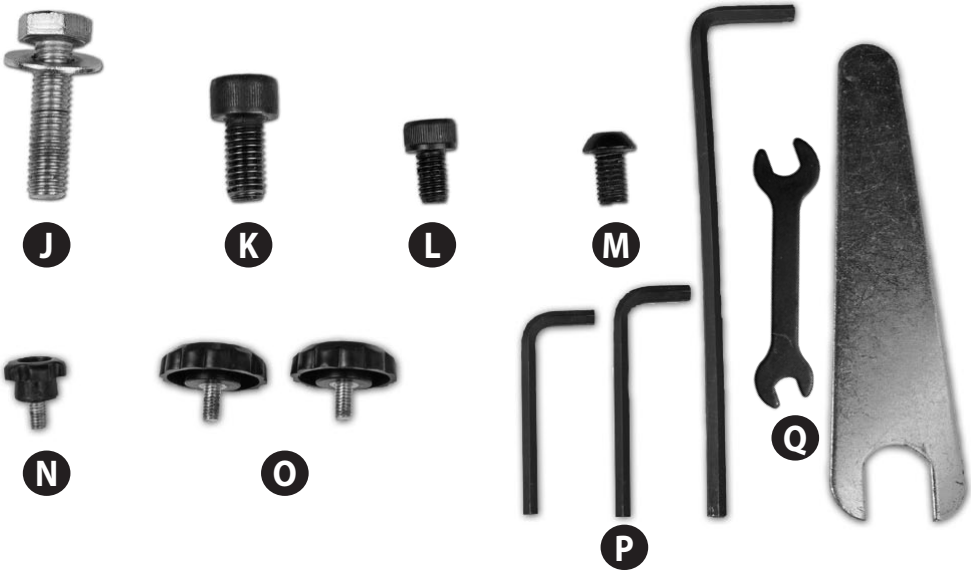
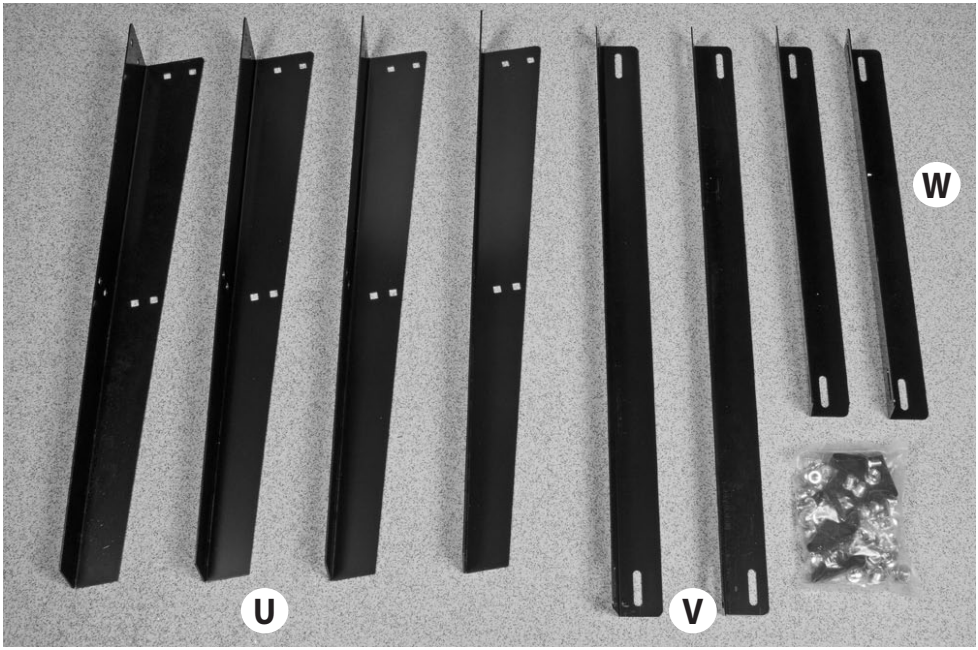
What's Included



Leg Stand Assembly

Quantity	Item	Part
Bag Containing:		
4 No	Rubber Feet	**R**
36 No	Coach Bolts (5/16")	**S**
36 No	Shake Proof Nuts (5/16")	**T**
4 No	Leg Brackets	**U**
2 No	Middle Support Brackets (Long)	**V**
2 No	Middle Support Brackets (Short)	**W**



NOTE: Please read the Instruction Manual prior to using your new machine; as well as the operating procedures for your new machine, there are numerous hints and tips to help you to use the machine safely and to maintain its efficiency and prolong its life.

Having opened the box, remove all the components stowed in the packaging. Place these carefully to one side.

Remove the top packaging and lift the machine out of the box and place upon a clear flat surface, taking care not to trap or pinch the power cable under the chassis.

Remove any other items from the box.

Having unpacked your sander and it's various components, if you do not wish to retain the packaging please dispose of it responsibly, especially any polystyrene; most of the remaining packaging is biodegradable.

Keep this Instruction Manual readily accessible for any others who may also be required to use the machine.

General Instructions for 230V Machines

Good Working Practices/Safety

The following suggestions will enable you to observe good working practices, keep yourself and fellow workers safe and maintain your tools and equipment in good working order.

WARNING! KEEP TOOLS AND EQUIPMENT OUT OF THE REACH OF YOUNG CHILDREN!

Mains Powered Tools (General) /Disc & Belt Sander

Primary Precautions

These machines are supplied with a moulded 13 Amp. Plug and 3 core power cable. Before using the tool inspect the cable and the plug to make sure that neither are damaged. If any damage is visible have the tool inspected/repaired by a suitably qualified person. If it is necessary to replace the plug, it is preferable to use an 'unbreakable' type that will resist damage on site.

Only use a 13 Amp plug, make sure the cable clamp is tightened securely. Fuse at 5 Amp. It is also good practice to use switched outlets. If extension leads are to be used, carry out the same safety checks on them, and ensure that they are correctly rated to safely supply the current that is required for your machine.

This machine is intended primarily for inside/workshop usage.

Work Place/Environment

Always mount the machine on a flat, level stable surface. There are several methods of achieving this, bolting the machine directly to a 'good solid workbench', bolting the machine to a sturdy base board that can be clamped to the 'good solid workbench'; create an independent entity by bolting the machine to its own stand.

However when you mount your machine, make sure it is fastened down and stable before use.

Paper belts and discs do not respond well to wet or damp conditions. In the worst case the adhesives holding the belt and the abrasive fail completely, the belts fall apart and the abrasive becomes a soggy mess against the edge of your work piece.

Try to keep the machine in a dry environment. If this is not possible; or if the machine is to remain unused for some time, remove the belt, put in a sealed 'plastic' bag and store in a warm dry place.

I can offer no suggestions for the disc, unless you have upgraded to some form of 'Velcro'. fastening method, in which case, do the same as with the belt.

Keep the work area as uncluttered as is practical, this includes personnel as well as material.

UNDER NO CIRCUMSTANCES SHOULD CHILDREN BE ALLOWED IN WORK AREAS!

WARNING! THE SANDING DISC CANNOT BE DECLUTCHED FROM THE BELT AND VICE VERSA, BOTH FUNCTIONS ARE ACTIVE WHEN THE MACHINE IS RUNNING. REMEMBER THIS, AND DO NOT LEAVE LOOSE OBJECTS OF ANY DESCRIPTION, ON THE MACHINE IF IT IS GOING TO BE USED!

Once the sander is mounted, carry out any setting operations, (mitre, tilt..?), and remove all tools used in the setting operations (if any) and place safely out of the way. If you are working long lengths of material, arrange for extra support beyond the boundary of the machine, and check you have sufficient room to manoeuvre the material through all the operations you will wish to carry out.

It is good practice to leave the machine unplugged until work is about to commence, also make sure to unplug the machine when it is not in use. Always disconnect by pulling on the plug body and not the cable.

After fitting a new sanding disc, it is good practice to lightly sand across the left side of the disc with a reasonable sized (20mm x 50mm) piece of timber to make sure the sanding disc is correctly 'seated' on the disc. The sanding action will press the sanding disc firmly back against the disc itself.

It is not good practice to wear gloves whilst sanding as one tends to lose the 'feel' of the work piece/sander contact, but obviously this removes the safety barrier between your fingers and the sanding surface. Remain focused and exercise caution whilst sanding.

DO NOT sand very small pieces of work with bare hands; try to construct some form of holder.

MAKE SURE you are comfortable before you start work, balanced, not reaching etc. If the work you are carrying out is liable to generate excessive grit or dust or chips, wear the appropriate safety clothing, goggles, masks etc., If the work operation appears to be excessively noisy, wear ear-defenders. If you wear your hair in a long style, wearing a cap, safety helmet, hair net, even a sweatband, will minimise the possibility of your hair being caught up in the rotating parts of the machine, likewise, consideration should be given to the removal of rings and wristwatches, if these are liable to be a 'snag' hazard.

DO NOT work with cutting/abrasive tools of any description if you are tired, your attention is wandering or you are being subjected to distraction. A deep graze, a lost fingertip or worse, is not worth it!

DO NOT use the machine within the designated safety areas of flammable liquid stores or in areas where there may be volatile gases. There are very expensive, very specialised machines for working in these areas, **THIS IS NOT ONE OF THEM.**

CHECK that sanding surfaces are still sufficiently abrasive to carry out the work you intend. Sanding belt cleaning sticks are an efficient method of prolonging the life of the belts and discs, and will also maintain their operating performance.

CHECK that the belts or discs are undamaged; torn edges can pick up on the work piece and will cause the medium to tear, often very rapidly with accompanying sharp flapping edges.

ALWAYS offer the work piece to the belt/disc so that the motion carries the work against the restraining surface, (i.e. the work stop or the table, (use the left hand side of the disc).

DO NOT press too heavily against the sanding surface, all this will do is slow the sander down. Remember, sanders work by removing small particles of material quickly and heavy pressure works adversely to the cutting process, further, it will accelerate the rate of 'clogging' of the abrasive surfaces, rendering the machine less efficient.

If you are attempting to sand inside curves (over the 'tracking drum') do not press at all,other than to keep the work piece in contact with the surface, any pressure could upset the tracking geometry. As there is no cushioning effect to the belt passing around the drum, expect an added vibration and compensate for it.

Sanding of certain types of timber may make the fitting of dust extraction mandatory in order to comply with the directives of the HSE. However, even if it is not mandatory, it is strongly recommended that you consider fitting dust extraction. It will certainly reduce the level of dust and grit, and as it helps to remove the waste quicker, will certainly prolong the longevity of the abrasive.

Above all, **OBSERVE….** make sure you know what is happening around you, and **USE YOUR COMMON SENSE.**

Specification

Model	BDS-612
Code	505091
Rating	Trade
Power	0.93kW (230V, 1ph)
Belt Speed	730m/min
Belt Size	152 x 1220mm
Diameter of Disc	305mm
Table Size Belt	305mm x 150mm
Table Size Disc	400 x 225mm
Dust Extraction Outlet	65mm x 2
Overall L x W x H	780 x 420 x 740mm
Weight	61kg

Assembly

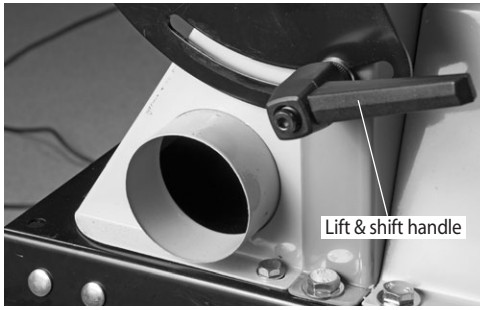
In order to reduce the footprint of the machine for packaging, several items are dismounted from the machine and needs to be re-affixed.

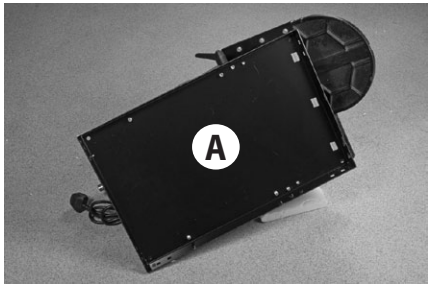
Stand Assembly

Step 1 Locate the sander assembly (A), the four leg brackets (U), the bag of fixing containing the coach bolts (S) and shake proof nuts (T).

Step 2 Remove the lift and shift handle to the right side of the sanding disc table to prevent it from being damaged, see fig 01 and very carefully turn the sander on it's side, see fig 02.

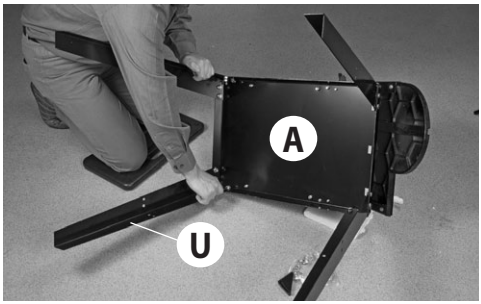
Fig 01-02

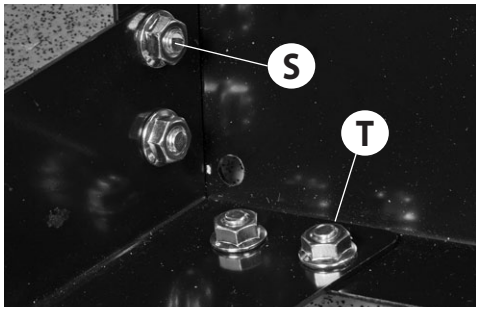




Step 3 Position each leg (U) to each corner of the sanders base (A), lineup the holes and lightly secure with the coach bolts (S) and shake proof nuts (T), see fig 03-04.

Fig 03-04





Step 4 Locate the long middle support brackets (V) and short brackets (W). Lineup the holes in the brackets (V) with the holes in the centre of the legs and lightly secure with the coach bolts (S) and nuts (T), see fig 05.

Step 5 Lineup the short brackets (W) with the holes in the legs (U) and the slotted holes in the brackets (V), lightly secure with the coach bolt and nuts as before (see figs 06-07).

Fig 05

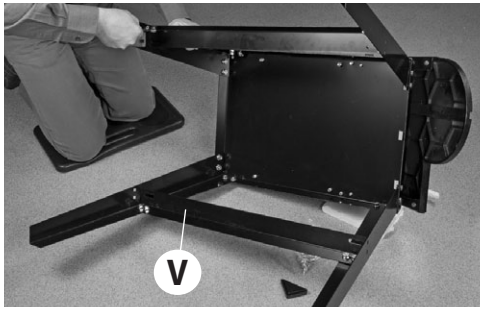
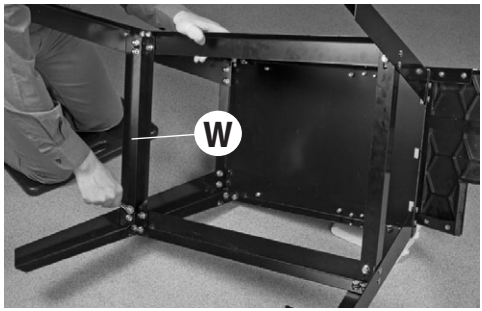
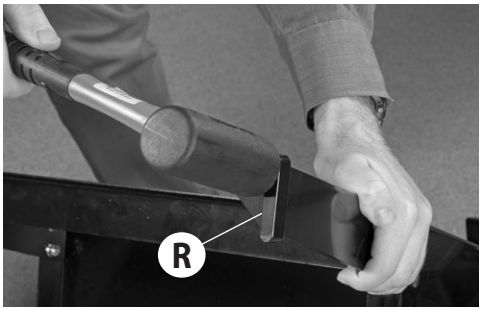


Fig 06-07



Step 6 Locate the four rubber feet (R), place a foot to the end of one the legs (U), lineup the slotted groove in the foot, using a high faced mallet lightly tap in place, see fig 08. Repeat for the remaining feet.

Fig 08



Warning: We advise you seek help when lifting the sander!

Step 7 With help, lift the sander and place upright on the floor. (See figs 09 -10) Now go round and tighten all the nuts using a 13mm spanner. Replace the lift and shift handle you removed earlier.

Fig 09-10

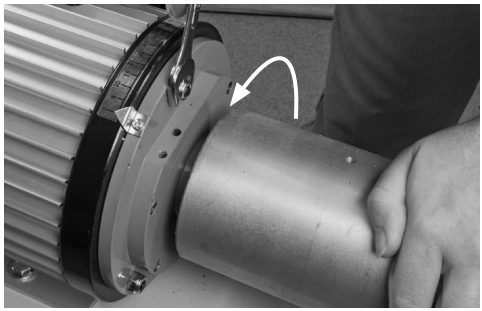
Continues Over...

Linisher Assembly

WARNING! The linisher assembly is heavy, we advise you seek help to assemble the unit!

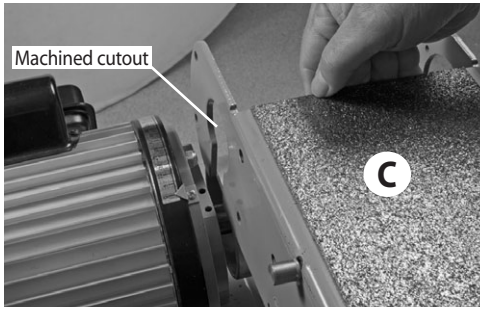
Step1 Locate the linisher assembly (C) and the four M8x20mm Hex bolts (K). Loosen the three nuts clamping the linisher mounting plate, turn the plate until the pointer reads (zero) on the scale then retighten the nuts, see fig 11.

Fig 11



Step 2 Lower the machined cutout in the linisher (C) over the drive roller, lineup the pre-drilled holes in the linisher with the four threaded holes in the mounting plate and using the supplied 6mm Hex key (P) secure in place with the four M8 Hex bolts (K), see figs 12-13-14.

Fig 12



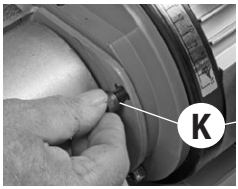
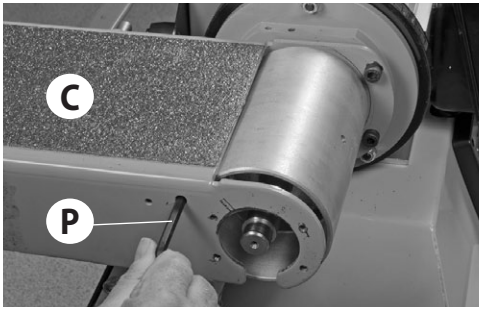
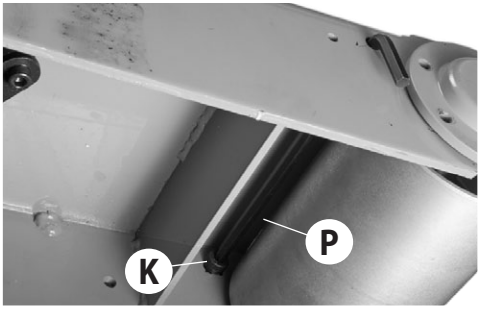


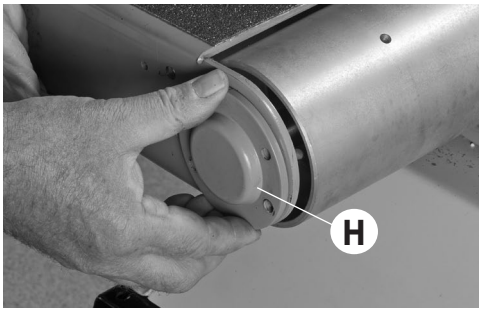
Fig 13-14

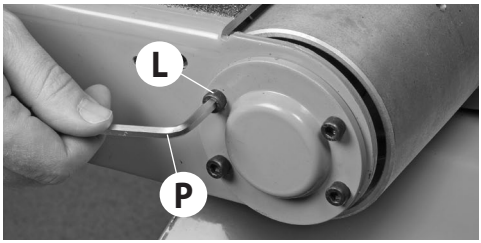




Step 3 Locate the ball bearing assembly (H) and four M6x10mm Hex screws (L). Push the ball bearing assembly

Fig 15-16

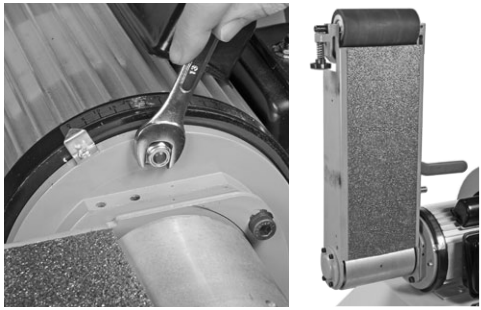




onto the end of the motor shaft, line up the holes in the linisher and secure in place with the four M6x10mm Hex screws (L) and tighten using the supplied 5mm Hex key (P) (see figs 15-16).

Step 3 Loosen the three nuts clamping the linisher mounting plate and raise the linisher into the upright position, with the index pointer reading 90˚ on the scale. Retighten the nuts, see figs 17.

Fig 17

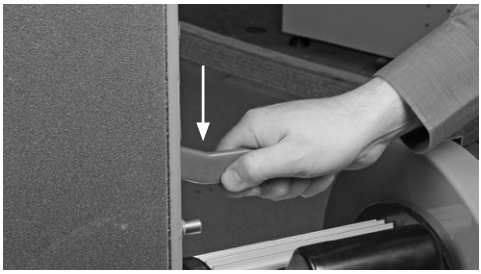


Step 4 Raise the belt tensioning lever, see fig 18 locate the linisher's sanding belt (I), unroll the belt and slide the belt over the drive rollers and adjust until central, see fig 19. Lower the belt tensioning lever, see fig 20.

Fig 18

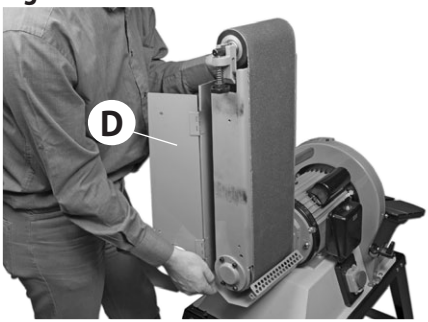
Fig 19

Fig 20



Step 5 Locate the linisher guard cover (D), the four M6x10mm socket button head screws (M), the small M6 star knob (N) and the two M6 large star knobs (O). Position the guard cover (D) over the lower section of the linisher and lineup the pre-drilled holes, see fig 21. Screw two M6 screws

Fig 21



(M) in the lower two holes to the right side of the linisher, see fig 22 close the hinged door, screw one of the M6 large knobs (O) through the pre-drilled hole above the bearing assembly (H) and into the linisher (C), screw the small M6 knob (N) into the lower hole, see fig 23.

Fig 22

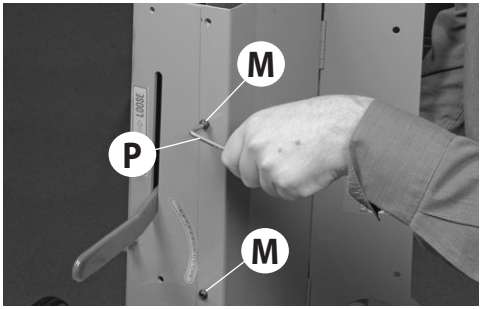


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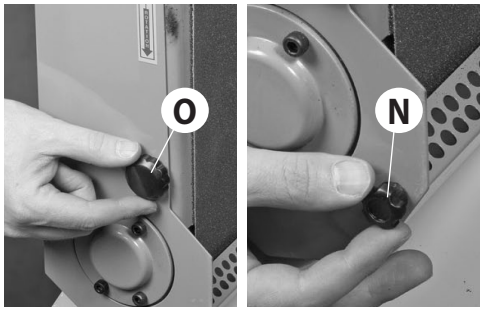
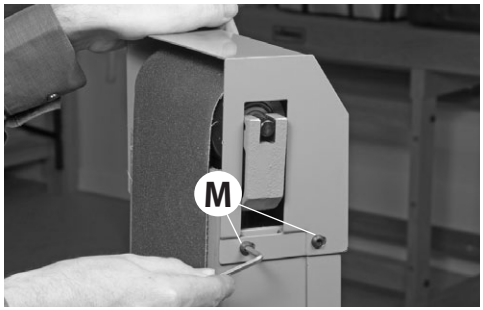
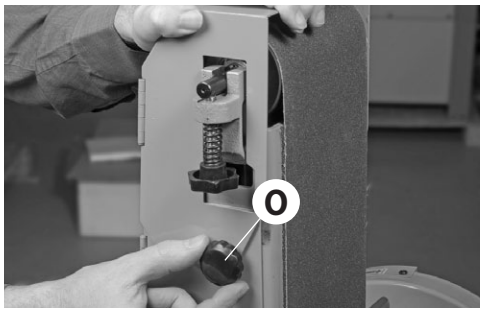
Fig 23



Step 6 Locate the idler roller guard cover (E), lower the guard over the roller and line up the holes with the holes in the linisher guard cover (D) secure using the remaining M6 screws (M) and the M6 larger star knob, see figs 24-25.

Fig 24-25





Step 7 Locate the linisher's small table (G) and the remaining M6 Hex screws (L). Offer up the two pre-drilled holes with the thread holes in the linisher mounting plate and secure with the two M6 screws (L) (see fig 26).

Step 8 Locate the cast iron table (F)and the M8x30mm bolt and washer (J), slot the machined hole in the table's bracket over the pin to the side of the linisher and push home, see figs 27-28. Place the M8 washer over the bolt (J), introduce

Fig 26

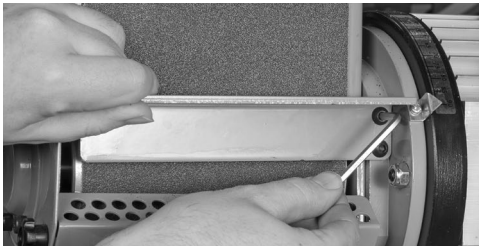
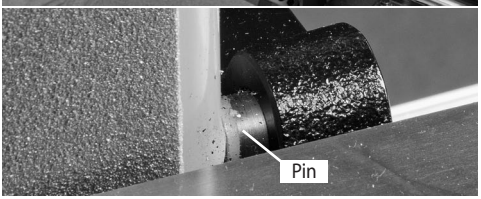


Fig 27-28

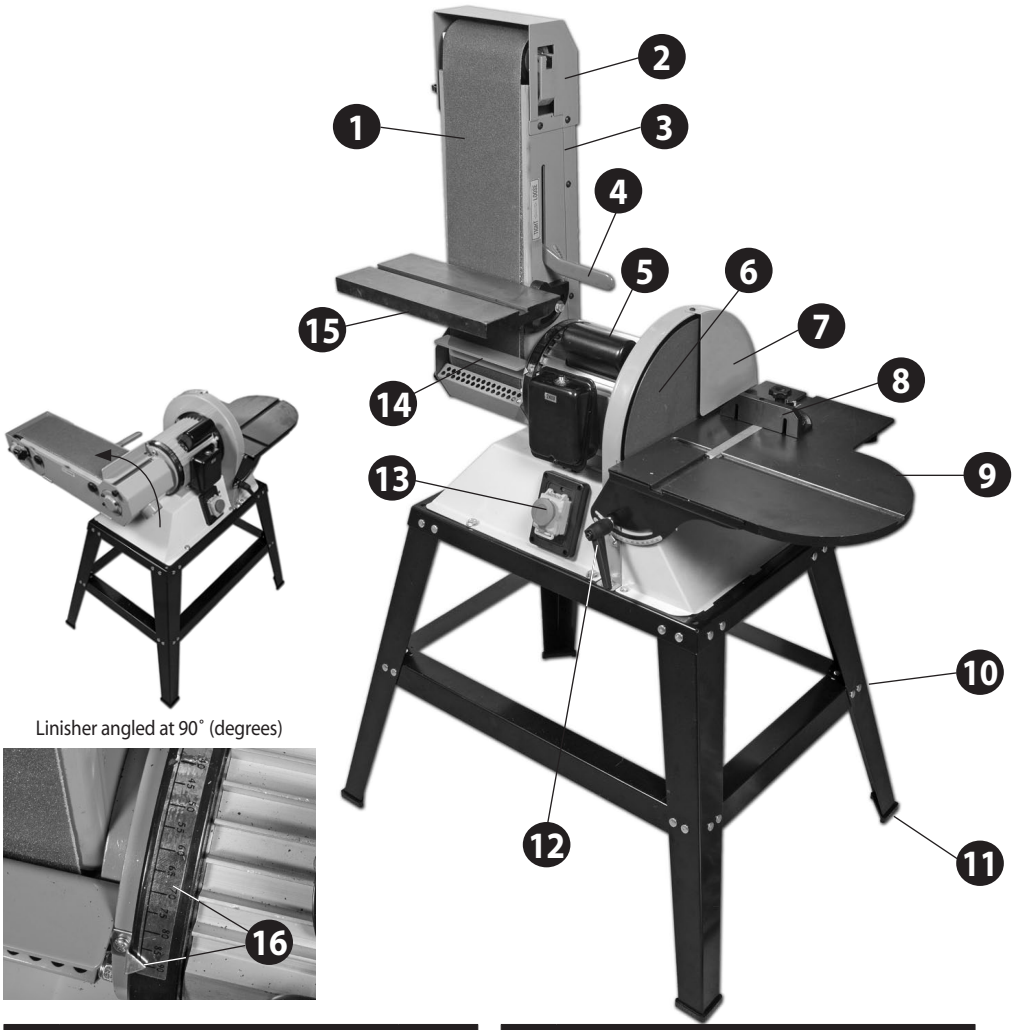


the bolt through the machined slot in the tables bracket and into the threaded hole in the linisher, tighten with a 13mm spanner (see fig 29).

Fig 29

Step 9 Locate the mitre fence (B) and slide it into the tables 'T' slot from the right side (See fig 30).

Fig 30

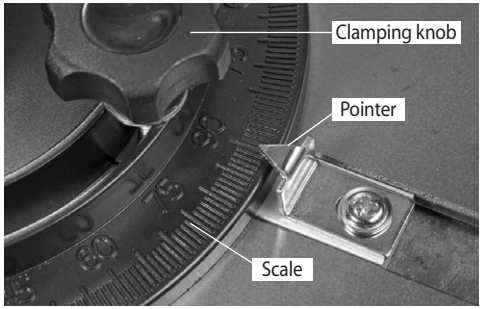


Linisher angled at 90˚ (degrees)

No	Description	Part
1	Linisher Abrasive Belt	**I**
2	Idler Roller Guard	**E**
3	Linisher Guard	**D**
4	Belt Tensioning Lever	-
5	Motor	-
6	Abrasive Disc	-
7	Disc Guard	-
8	Mitre Fence	**B**

No	Description	Part
9	Cast Iron Disc Table	-
10	Stand Assembly	**U V W**
11	Rubber Feet	**R**
12	Table Clamping Handle	-
13	NVR Switch Assembly	-
14	Linisher Small Table	**G**
15	Linisher Cast Iron Table	**F**
16	Linisher Pointer & Scale	-

Identification and Description

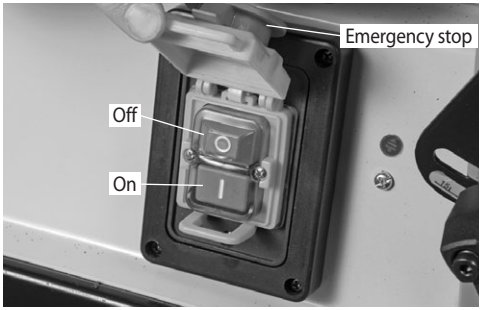


Mitre fence assembly

Belt sanding table pointer and scale

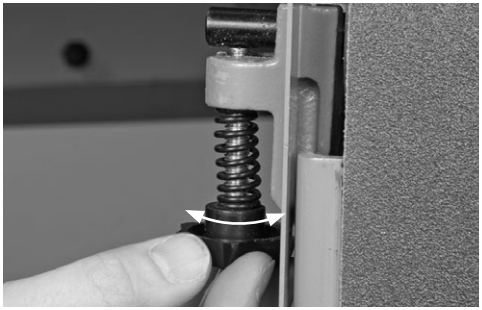
Linisher dust extraction output

Disc extraction output



NVR Switch assembly

Disc sanding table pointer and scale



Linisher belt tracking knob

Motor "REST" button

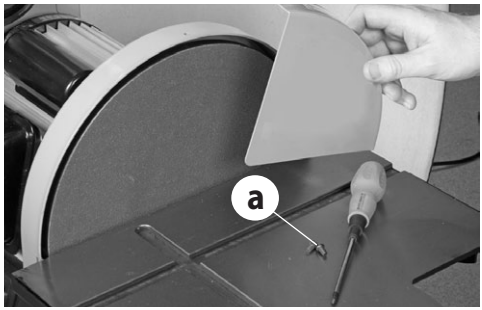
Setting the table clearance

The gap between the table and the disc should be set to a maximum of 1.6mm to clear the debris and to ensure sufficient support for the timber.
The table should be positioned so that sanding only occurs from downward movement of the disc/belt face. Small pieces of timber should not be disc sanded. **A responsible person should check the setting of the machine before use.**

Disc table adjustment

Step 1 To set the table clearance, first remove the guard by undoing the two Phillips screws (a), place screws and guard safely aside (see fig 31).

Fig 31



Step 2 Locate the supplied spanner (Q) loosen the six bolts beneath the table brackets, (see fig 32) place a rule up against the sanding disc and adjust the table until there is a 1.6mm clearance between the table and the disc, (see fig 33).

Step 3 Replace the disc guard as described above.

Step 4 Place the 90˚ square against the disc and mitre fence, (see fig 34) to check the table is square then tighten the six nuts beneath the table.

Fig 32

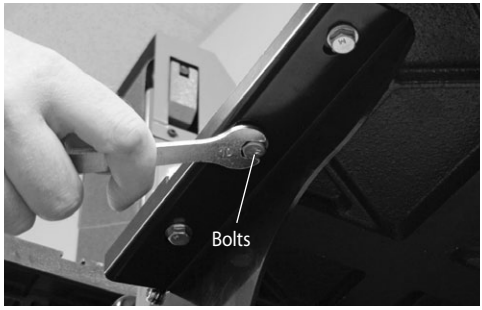
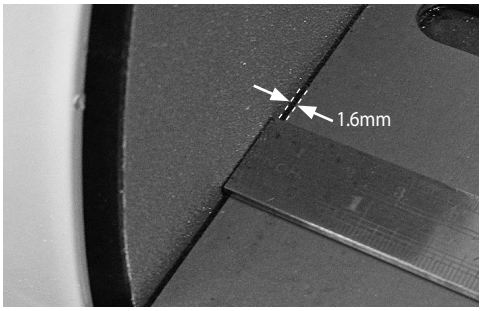
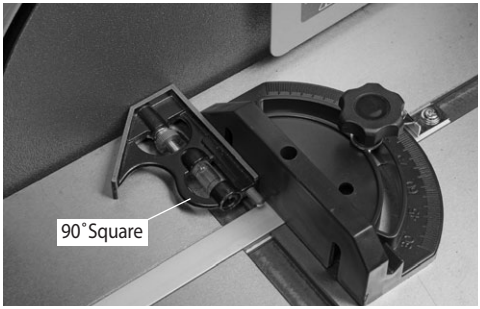


Fig 33



Place a rule up against the sanding disc and adjust the table until there is a clearance of 1.6mm.

Fig 34



NOTE: MAKE SURE THE MITRE FENCE IS SET TO ZERO ON THE SCALE!

Step 5 Place the square upright against the sanding disc, loosen the two clamping handles (b) on either side of the table and adjust the table's angle, until it's perpendicular to the sanding disc (see fig 35). Tighten the clamping handles.

Fig 35

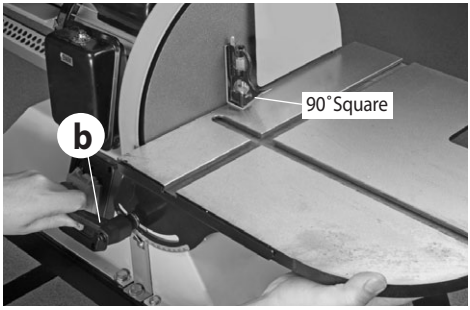
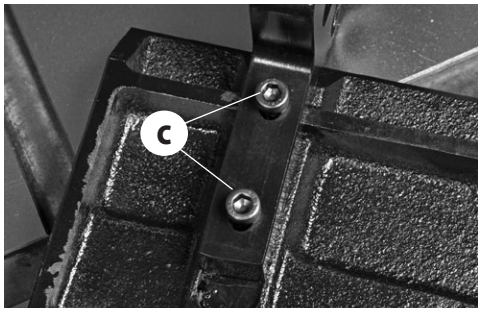


Fig 36

Belt Table adjustment

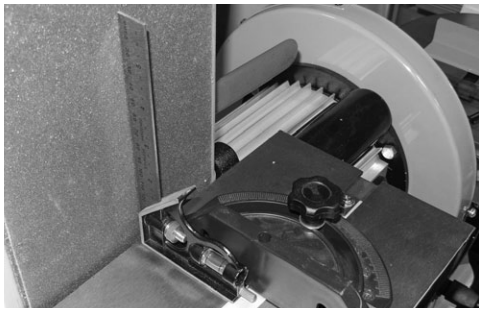
Step 1 Loosen the four Hex bolts (c)beneath the table brackets, see fig 37 place a rule up against the sanding belt and adjust the table until there is a 1.6mm clearance between the table and the belt, (see fig 33).

Fig 37



Step 2 Place the 90˚ square against the belt and mitre fence, (see fig 38) to check the table is square then tighten the four Hex bolts beneath the table.

Fig 38



Step 3 Place the square upright against the sanding belt, loosen the bolt to the side of table and adjust the table angle, until it's perpendicular to the sanding belt, see fig 39. Retighten the bolt.

Fig 39

Step 4 Check the pointer is reading "ZERO" on the scale, if not, loosen the Phillips screw and adjust the pointer until correct, see fig 40.

Fig 40

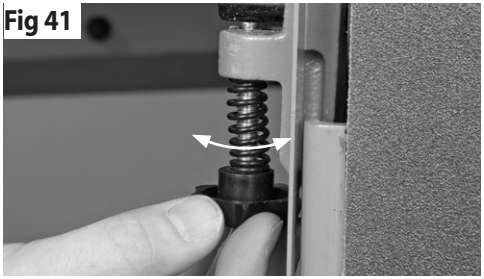
Tracking the Belt

NOTE1 All directions are given from the view point of the operator standing behind the drive drum end looking down the length of the machine. The tracking control works as follows:- turning the tracking adjuster clockwise will track the belt to the right, anti-clockwise will track the belt to the left, see fig 41.

DO NOT make large adjustments, and remember the belt may take some time to react to your alteration. Little by little is a good maxim to observe when carrying out tracking operations.

NOTE 2 Using your hand, roll the belt towards the drive drum end, check that the belt stays in the middle of the table, if not, adjust the track control slightly, and move the belt again, continue until the belt runs down the centre of the linishing table.

Fig 41



Operating Instructions

WARNING! KEEP TOOLS AND EQUIPMENT OUT OF THE REACH OF YOUNG CHILDREN!

CLEAR ALL TOOLS AWAY FROM SANDING AREA!

WARNING! WEAR EYE AND EAR PROTECTION!

WARNING! WEAR A DUST MASK!

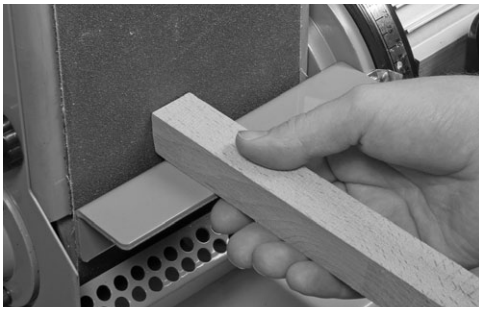
WARNING! The sander produces very fine dust particals, it is recommended to connect the sander to a workshop Vacuum Extractor, see our catalogue or website for details!

CONNECT THE SANDER TO THE VACCUM EXTRACTOR WITH SUITABLE SIZE HOSES!

CONNECT THE SANDER TO THE MAINS AND SWITCH ON.

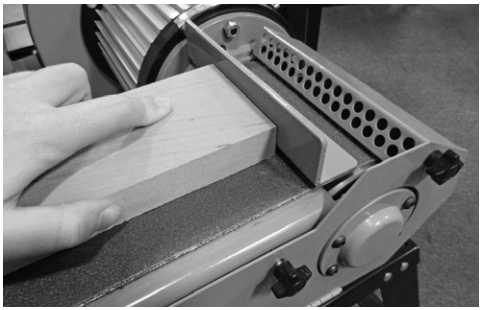
Don't press too heavily against the sanding surface, all this will do is slow the sander down. Remember, sanders work by removing small particles of material quickly and heavy pressure works adversely to the cutting process, further, it will accelerate the rate of 'clogging' of the abrasive surfaces, rendering the machine less efficient.

Bevel Sanding



Belt Sanding

Curve Sanding (idler roller guard removed)



Surface Sanding

Changing the Abrasive Disc and Belt

Sanding Disc

DISCONNECT THE SANDER FROM THE MAINS SUPPLY BEFORE CONTINUING!

Fig 42

Step 1 Remove the two table clamping handles (see fig 42).

Fig 43

Step 2 Remove both Phillips screws on either side of the table and place safely aside (see fig 43).

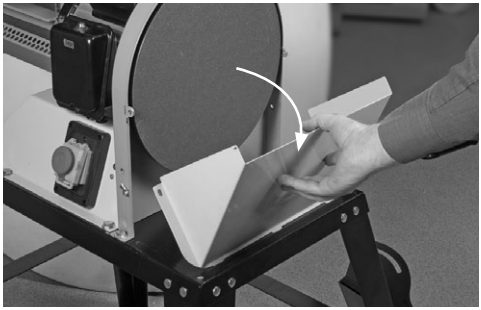
Fig 44

Step 3 Lift the table assembly away and place to one side (see fig 44).

Fig 45

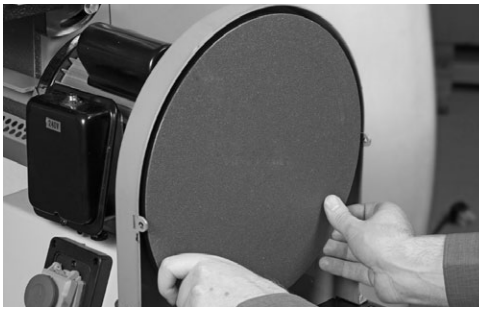
Step 4 Locate the supplied spanner (C) and using the 10mm end remove the two nuts on either side of the extraction housing (see fig 45).

Fig 46



Step 5 Lower the extraction housing (see fig 46).

Fig 47

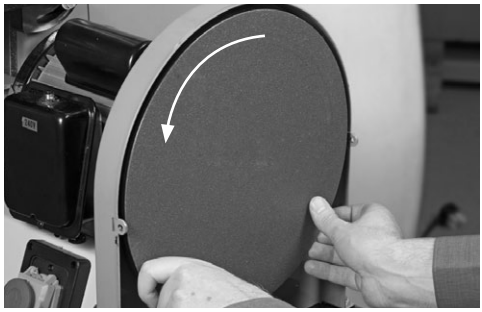


Step 6 Lift the edge of the disc and, gripping firmly, peel the disc away from the plate; turning the plate as required to free the entire disc (see fig 47). Clean the surface of the disc with a de-greasing cleaner. Allow to dry off and wipe over with a

clean dry cloth. Locate the sanding disc, peel the cover from the adhesive surface and apply **CAREFULLY** to the disc (see fig 48). Use a piece of cloth in your hand or wear a glove, to firmly press the abrasive to the disc, the application will be reinforced by a gentle sanding action across the face when you first use the new sanding disc.

Step 7 Re-assemble the sander as described opposite but in reverse.

Fig 48



Turn the disc while applying pressure

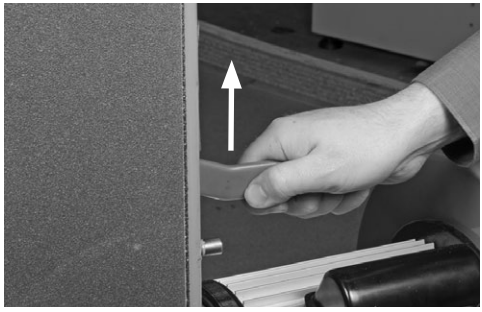
RECONNECT THE SANDER TO THE MAINS SUPPLY AND CONTINUE WITH OPERATION.

Sanding Belt

DISCONNECT THE SANDER FROM THE MAINS SUPPLY BEFORE CONTINUING!

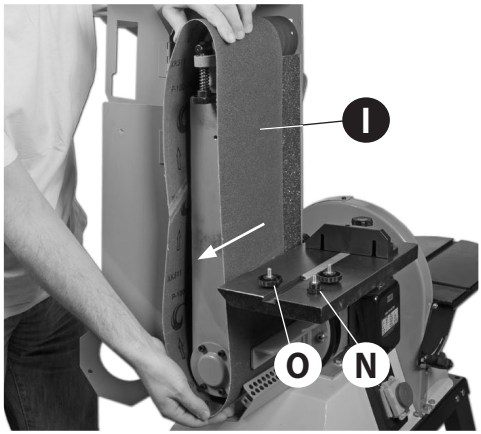
Step 1 Release the tension on the belt by lifting the tensioning lever, see fig 49.

Fig 49



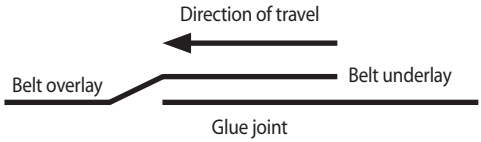
Step 2 Remove the three locking knobs (O) and (N) from the side of the linisher guards and place safely aside, open the guard's access doors (see fig 50).

Fig 50



Step 3 Remove the linisher's sanding belt (I). Inspect the new belt, ensure that there are no tears or rips (especially along the edges), check the direction arrows on the inner surface of the belt and fit accordingly. (The direction of the arrows should point to the drive drum end of the machine).

Note: If you are using an old belt, and the arrow marking has worn off, check the direction of travel (see diagram below.)



NOTE: Before sliding on the new belt check there is no dust or resin build up on the drums or at the edges of the linisher, clean in and around the extraction ports for dust or resin build up.

Step 4 Slide on the new belt and refer to Page 16 for tracking the belt, once done close the linisher's access doors and replace the locking knobs (O) and (N). Press down the tension lever to re-tension the belt.

RE-CONNECT THE SANDER TO THE MAINS SUPPLY AND CONTINUE WITH OPERATION.

Maintenance

DISCONNECT THE SANDER FROM THE MAINS SUPPLY BEFORE CONTINUING!

There is very little mechanical maintenance that can be carried out on the machine. Most prudent maintenance is preventative and concerned with keeping the machine clean.

1. At reasonable intervals, inspect and remove all dust/resin build ups, and blow the motor clean.

2. Remove the table assembly and lower the extraction housing, clean any dust or resin build up. Re-assemble the sander.

3. Inspect the sanding disc for signs of wear and tear and replace if necessarily.

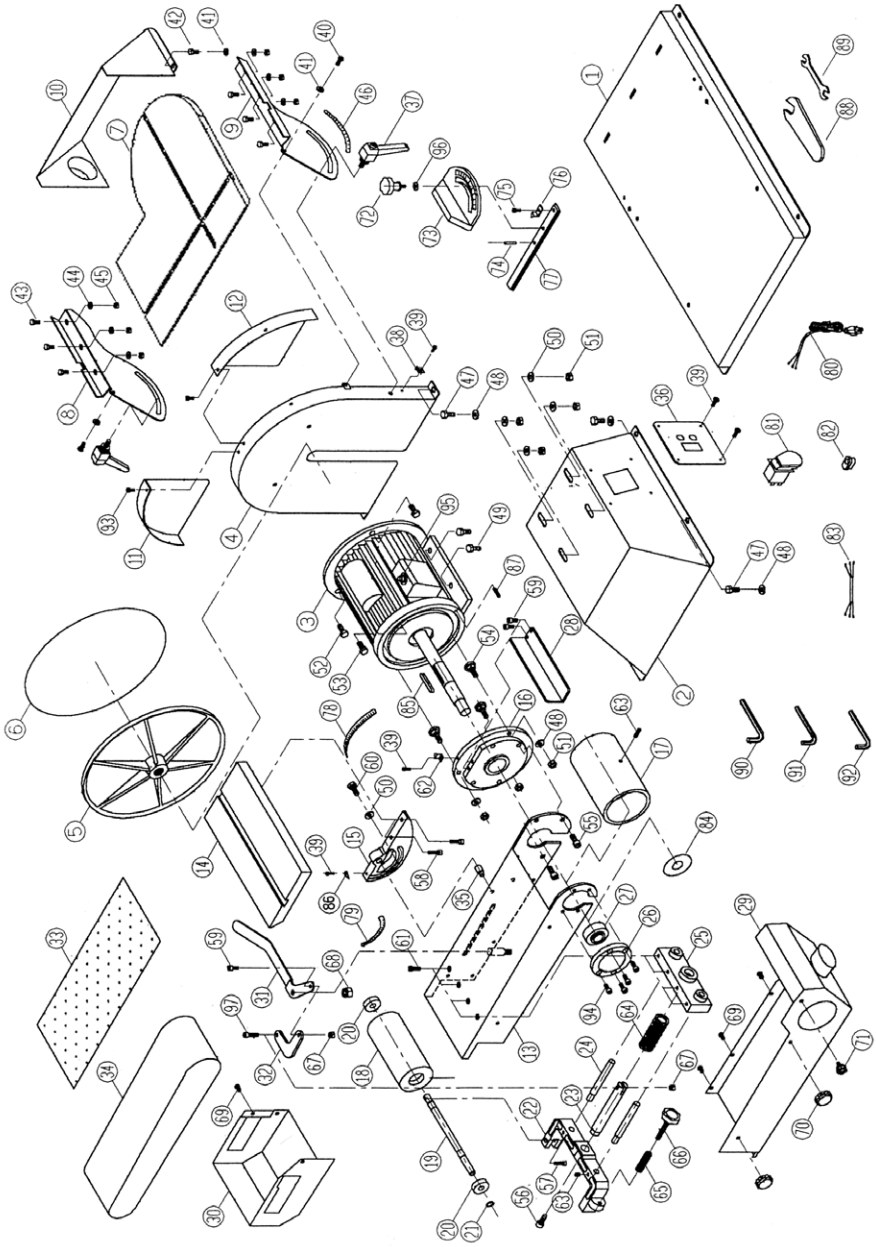
4. Inspect the linisher's sanding belt for signs of wear and tear and replace if necessary.

5. From time to time using a damp cloth wipe over the sander's surface.

Troubleshooting

Trouble	Probable Cause	Remedy
Motor does not run when power switch is pressed "ON"	1. Switch is burnt out 2. Connection wire is loose or damaged	1. Replace the switch 2. Tighten wire or replace
Motor does not run at full speed	1. Power voltage is too low 2. Motor is damaged.	1. Test voltage 2. Check and repair motor
Motor does not reach full power	1. Incorrect power wiring 2. Overloaded	1. Replace with the correct size of power wiring 2. Reduce load
Motor overheating	1. Motor voltage is different 2. Motor is damaged	1. Check the voltage label 2. Check and repair the motor
Motor stalls while in use	1. To much pressure being placed on sanding surface. 2. Motor getting too hot.	1. Don't press to heavily on abrasive surface. 2. Leave the sander to cool down for 30 minutes and press the "RESET" button

BDS-612 Exploded diagram



Parts Breakdown/List

BDS-612 List

NO	Axminster No	Description	Specification	Qty
1	505091-1	Base		1
2	505091-2	Motor base		1
3	505091-3	Motor	1-1/2HP	1
4	505091-4	Disc cover		1
5	505091-5	Aluminium disc	12″	1
6		Sanding paper	12″	1
7	505091-7	Aluminium table		1
8	505091-8	Left tilting turning		1
9	505091-9	Right tilting turning		1
10	505091-10	Dust hood cover	2-1/2″	1
11	505091-11	Left safety guard		1
12	505091-12	Right safety guard		1
13	505091-13	Platen		1
14	505091-14	Cast iron table of platen		1
15	505091-15	Tilting turning of platen		1
16	505091-16	Platen packing		1
17	505091-17	Drive roller		1
18	505091-18	Idler roller		1
19	505091-19	Idler roller shaft		1
20	200183	Ball bearing	6201ZZ	2
21	505091-21	C-type ring	S-12	1
22	505091-22	Idler roller bracket		1
23	505091-23	Push spindle		1
24	505091-24	Fixing spindle		1
25	505091-25	Push fixing bracket		1
26	505091-26	Ball bearing cover		1
27	200187	Ball bearing		1
28	505091-28	Platen table stop		1
29	505091-29	Platen cover		1
30	505091-30	Idler roller cover		1
31	505091-31	Handle		1
32	505091-32	Fixing plate		1
33	505091-33	Graphite paper		1
34		Sanding paper	6″ x 48″	1

35	505091-35	Tilting turns spindle		1
36	505091-36	Switch plate		1
37	505091-37	Knob		2
38	505091-38	Pointer		1
39		Round head screw	M4x8	7
40		Round head screw	M6x8	2
41		Washer	M6	4
42		Hex. head screw	M6x10	2
43		Hex. head screw	M6x12	6
44		Washer	1/4" x 13	6
45		Nut	M6	6
46	505091-46	Tilting label sticker	-15 ~45 degree	1
47		Hex. head screw	M8x12	6
48		Spring washer	M8	6
49		Hex. head screw	M8 x 25	4
50		Washer	M8x18	5
51		Nut	M8	7
52		Hex. head screw	M8x16	2
53		Hex. bolt	M8x15	1
54		Hex. bolt	M8x18	3
55		Hex. bolt	M8x20	4
56		Hex. bolt	M8x25	1
57		Hex. bolt	M5x25	1
58		Hex. bolt	M6x25	2
59		Hex. bolt	M6x15	3
60		Hex. head screw	M8x30	1
61		Pan head screw	M6x20	4
62	505091-62	Pointer		1
63		Set screw	6x10	4
64	505091-64	Push back spring		1
65	505091-65	Push back spring		1
66	505091-66	Adjusting screw	M8x50	1
67		Nut	M6	2
68		Nut	M10	1
69		Hex. bolt	M6x10	4
70	505091-70	Polygon knob	M6x10	2

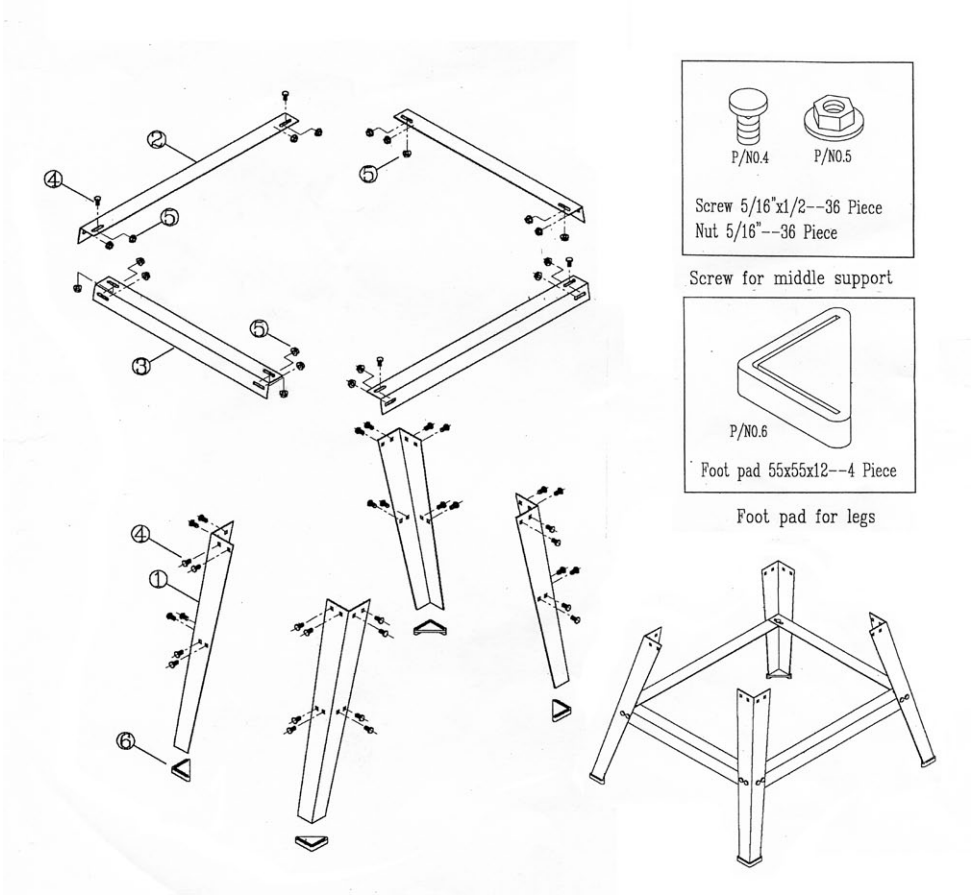
Continues Over...

Parts Breakdown/List

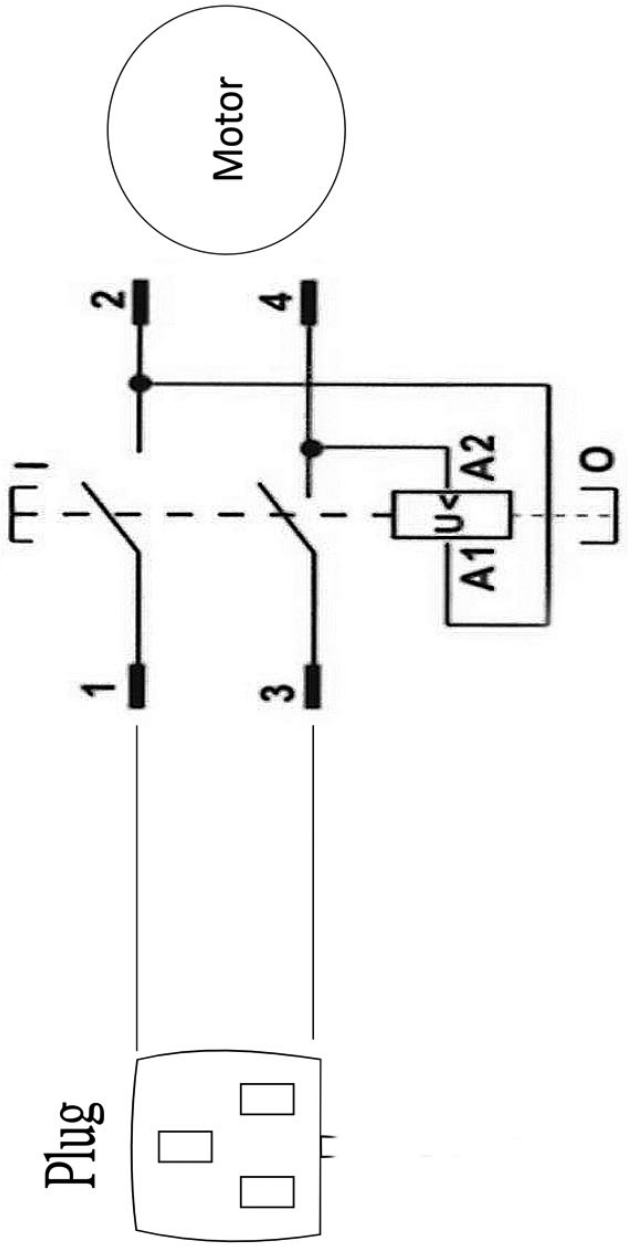
71	505091-71	Pentagon knob	M6x10	1
72	505091-72	Knob	M6x22	1
73	505091-73	Mitre gauge		1
74	505091-74	Pin	3/16" x 20	1
75		Round head screw	3/16" x 6	1
76	505091-76	Pointer		1
77	505091-77	Mitre bar		1
78	505091-78	90 degree sticker	0-90 degree	1
79	505091-79	60 degree sticker	-15-45 degree	1
80		Power cord		1
81	950697	Switch		1
82	505091-82	Sprain release	6W-4S	3
83	505091-83	Connector		1
84	505091-84	Ball bear packing		1
85	505091-85	Key	6 x 6 x50	1
86	505091-86	Pointer		1
87		Set Screw	M5x10	2
88		Open end wrench	22mm	1
89		Open end wrench	10-13mm	1
90		Hexagon wrench	M6	1
91		Hexagon wrench	M5	1
92		Hexagon wrench	M4	1
93		Round head screw	M5x8	4
94		Hex. bolt	M6x10	4
95	505091-95	Temperature control switch		1
96		Washer	6.5x16x2	1
97		Hex. bolt	M6x30	1
NOT SHOWN	505091-CAP	CAPACITOR FOR MOTOR	30MFD X 400V WIRE ENDED 90X50MM	1

BDS-612 Stand

NO	Axminster No	Description	Specification	Qty
1	505091-STAND-1	Leg	618x702mm	4
2	505091-STAND-2	Middle support (long)	671 x44.5x 1.6	2
3	505091-STAND-3	Middle support (short)	466 x44.5x 1.6	2
	505474	STAND NUT AND BOLT PACK COMPLETE.		
4		Screw	5/16″ x 1/2″	36
5		Nut	5/16″	36
6		Foot pad	55x55x12	4



Wiring Diagram



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local recycling centre and place into the appropriate recycling bin.

Only for EU countries

Do not dispose of electric tools together with household waste material. In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

Axminster Tool Centre,
Unit 10 Weycroft Avenue, Axminster, Devon EX13 5PH

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